



# Kingston Technology ValueRAM KVR32S22D8/32BK memory module 32 GB 1 x 32 GB DDR4 3200 MHz

**Brand :** Kingston Technology      **Product family:** ValueRAM      **Product code:** KVR32S22D8/32BK

**Product name :**  
KVR32S22D8/32BK

- Nominal and dynamic on-die termination (ODT) for data, strobe, and mask signals
  - Low-power auto self refresh (LPASR)
  - Data bus inversion (DBI) for data bus
  - On-die VREFDQ generation and calibration
  - Dual-rank
  - On-board I2 serial presence-detect (SPD) EEPROM
  - Fixed burst chop (BC) of 4 and burst length (BL) of 8 via the mode register set (MRS)
  - Selectable BC4 or BL8 on-the-fly (OTF)
  - Terminated control command and address bus
- 32GB, DDR4, 3200MHz, Non-ECC, CL22, 1.2V, Bulk

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ValueRAM, Kingston's industry standard memory, delivers award-winning performance and legendary Kingston reliability. When you know what you want, you want ValueRAM.  
Kingston Technology ValueRAM KVR32S22D8/32BK. Component for: Laptop, Internal memory: 32 GB, Memory layout (modules x size): 1 x 32 GB, Internal memory type: DDR4, Memory clock speed: 3200 MHz, Memory form factor: 260-pin SO-DIMM, CAS latency: 22

Features		Features	
Buffered memory type	Unregistered (unbuffered)	Programming power voltage (VPP)	2.5 V
CAS latency	22	JEDEC standard	✓
Internal memory *	32 GB	<b>Operational conditions</b>	
Memory layout (modules x size) *	1 x 32 GB	Operating temperature (T-T)	0 - 85 °C
Internal memory type *	DDR4	Storage temperature (T-T)	-55 - 100 °C
Memory clock speed *	3200 MHz	<b>Technical details</b>	
Component for *	Laptop	Compliance certificates	RoHS
Memory form factor *	260-pin SO-DIMM	<b>Sustainability</b>	
ECC *	✗	Doesn't contain	Halogen
Memory voltage	1.2 V	<b>Weight &amp; dimensions</b>	
Row cycle time	45.75 ns	Width	69.6 mm
Refresh row cycle time	350 ns	Depth	3.7 mm
Row active time	32 ns	Height	30 mm



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